Océ
ColorWave® 300

Jump to One

océ

User manual
Safety information

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Chapter 1
Safety information

Instructions for safe use

Introduction

All the products have been tested in accordance with the strictest international safety standards. Please read the following sections before you connect the machine to the power supply. These sections contain important information with regard to the user safety and the prevention of equipment problems. Make sure that you observe the safety rules hereinafter. This helps to assure that you can work with the product safely. Make sure that you observe all the precautions mentioned below.

Note:
Some parts of the contents of this section may not be applicable to your product.

Note:
Please refer to the corresponding Safety Data Sheets for specific safety information. You can download the Safety Data Sheets from the support site of your product at http://global.oce.com/support/.

Warning and Caution Symbols

Caution:
Ignoring this warning could cause serious injury or even death.

Attention:
Ignoring this warning could cause injury or damage to property.

Note:
Indicates additional important information.

The indicators above are used on the warning labels or in the manuals to categorize the level of safety warnings.

Disassembly and Modification

Warning

- Do not remove covers and panels that are fixed to the machine. Some machines have a high-voltage component or a laser beam source inside that could cause an electric shock or blindness
- Do not modify this machine, since this could cause fire, electric shock, or breakdown. If the machine contains a laser, the laser beam source could cause blindness.

Caution

- Do not carry out maintenance activities on components and maintenance materials other than the components and materials that are mentioned in the user manual.
- Do not place any liquids on the machine.
- Do not open any door while the machine starts up or runs, unless the operator panel displays a message asking you to open one or more doors.
- Only use maintenance materials or other materials for their intended purpose.
- To avoid any risk, only properly qualified and trained service technicians are allowed to modify the machine.
- Do not bridge any mechanical or electrical circuit breakers.

Note

- Keep maintenance materials away from children.

Power cord

Warning

- Do not scratch, abrade, heat, twist, bend, place a heavy object on or cause any other damage to the power cord. The use of a damaged power cord (exposed core wire, broken wire, for example) could result in a fire or breakdown. If you find any of these conditions, immediately turn OFF the power switch and unplug the power cord from the power outlet. Then call your authorized service representative.
- Only use the mains connector cable that was supplied with the machine.

Power source

Warning

- Do not connect the machine to a mains voltage that differs from the value as stated on the power marking label.

Note

- If connection to a different mains voltage is required, contact your authorized service representative.

Power plug

Warning

- For machines that are connected via a wall socket: Place the machine close to a wall socket that is easily accessible. The power plug is intended to serve as a disconnect device.

Grounding

Warning

- Connect the power cord to an electrical outlet (wall socket) that is equipped with a grounding terminal.

Installation

Warning

- Make sure that the machine is placed on a level, horizontal surface of sufficient strength. Do not place this machine on an unstable or tilted bench.
- Do not place this machine in a location that is subject to lots of vibrations and shocks.
- Do not use flammable sprays, liquids or gases near this product, because this could cause a fire.

Ventilation

Caution

- The machine can produce odors of exhaust air when you:
  - use this machine in a poorly ventilated room for a long time
  - produce large amounts of copies or print

  Therefore, make sure that you ventilate this room well. Do not block the ventilation openings of the machine.
- Do not place the machine in rooms which are too small and insufficiently ventilated. See the Product Safety Data Sheet of the machine for the ventilation requirements.

Actions in response to troubles

Warning

- When a piece of metal, water or any other similar foreign matter gets inside the machine, immediately turn OFF the power switch and unplug the power cord from the power outlet. Then call your authorized service representative.
- Immediately stop using the machine if the machine becomes excessively hot, emits smoke, or produces unusual odors or noises. Immediately turn OFF the power switch and unplug the power cord from the power outlet. Then call your authorized service representative.

Caution

- Stop using the machine if the machine was dropped or a cover was damaged. Immediately turn OFF the power switch and unplug the power cord from the power outlet. Then call your authorized service representative.

- LCD display. Do not rub, press or touch the display surface with hard material, because the polarizer at the surface can be easily scratched. The LCD module consists of glass. Therefore, the LCD module can damage when you drop, pinch strongly or punch the module. When glass breaks, be careful that you do not get injured by glass pieces. Call Customer Service.

Consumables, supplies and maintenance materials

Warning

- Do not throw ink containing or contaminated parts into an open flame.

Caution

- Do not leave ink containing or contaminated parts in a place within reach of children.
- Always use the materials which the manufacturer recommended and which are developed for this machine. Materials not approved by the manufacturer may result in faults in your machine.

Moving the Machine

Caution

- Make sure that you disconnect the power cord and other cables before you move the machine.
- Make sure that you check the documentation for the space requirements before you move the machine.

Holidays

Caution

- Unplug the machine if you will be using it for a long period of time.

Chapter 2
Regulation notices

Regulation notices (country dependent)

Introduction

This section describes the regulation notices.

Radio Interference Suppression (all countries except USA)

Warning: This is a Class A product. In a domestic environment, this product may cause radio interference in which case the user may be required to take adequate corrective measures.

FCC Approval (USA Only)

This equipment has been tested and found to comply with the limits for a class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

VCCI (Japan Only)

This is a Class A product based on the standard of the Voluntary Control Council for Interference by Information Technology Equipment (VCCI). If this equipment is used in a domestic environment, radio disturbance may occur, in which case, the user may be required to take corrective action.

Mercury (All Countries)

At the end of the equipment's service life the mercury-containing fluorescent lamp must be removed from the equipment and treated separately according Directive 2002/96/EC (Waste Electrical and Electronic Equipment). Dispose of in accordance with all federal, state, and local regulations. The European Waste Catalogue (EWC) number of the mercury-containing fluorescent lamp is: 20 01 12.

Battery labeling (EU-only)

This product contains Button Cells. They are located in printed circuit board that are essential for the continuous error-free functioning of the product. The button cells should be removed only by skilled service technicians who are aware of the removal instructions provided by Océ-Technologies B.V.

Button cell specification

Button cell location	Button cell capacity	Containing the following substances (if applicable)
Control board MOTHERBOARD CELERON 2GHZ	3.0V CR2032	Lithium type
Ibase MAINBOARD, MB896	3.0V CR2032	Lithium type

Caution: Océ does not accept any liability for any damage or consequences if the batteries are removed by persons other than Océ service personnel.

End of Service Life; WEEE (EU Only)

The "crossed-out trash can" symbol indicates that at the end of its service life the equipment must be collected separately in the EU Member States. The black bar specifies that the appliance is put on the market after August 13, 2005. Reference: Directive 2002/96/EC. Contact your local Océ organization for further information.

RoHS (China Only)

The Environmental Protection Use Period (EPUP) applicable for the printing system for delivery to the People's Republic of China is 20 years. This EPUP, which does not include consumables or expendables, does not affect any warranty that is provided for the system and may not be construed or interpreted as a separate warranty for the printing system.

ENERGY STAR® (All countries)

Océ-Technologies B.V. has joined the ENERGY STAR® Program of the United States Environmental Protection Agency (EPA). The purpose of the ENERGY STAR Program is to promote the manufacturing and marketing of energy-efficient equipment, thereby potentially reducing combustion-related pollution. Using the energy management features outlined below prevents unnecessary power consumption, which helps to prevent air pollution from electricity generating plants and saves money on your utility bills. As an

ENERGY STAR® Partner, Océ-Technologies B.V. has determined that the Océ ColorWave 300 meets the ENERGY STAR® criteria for energy efficiency laid down in the ENERGY STAR Program Requirements for Imaging Equipment (Version 1.1).

Energy consumption (All countries)

In order to limit energy consumption during times of non-use the Océ ColorWave 300 has a Sleep mode during which the power level is reduced. The value for the Sleep mode is listed in the Product Safety Data Sheet.

Power modes and delay times
The energy consumption and efficiency are influenced both by the product technology and by the settings chosen by the user, especially the delay times that are selected to enter reduced power states. The following delay times have been pre-set.

Power modes and delay times

Operational mode	Default delay time (minutes)
Low power	5 minutes (range 5 - 240 minutes)
Sleep	30 minutes (range 5 - 240 minutes)

The modes above are automatically entered after the Default Delay Time has elapsed; counting from the moment the last print has been produced. These settings are recommended and for most users ensure both ease of use and low energy consumption. Between brackets are the minimum and maximum values the Delay Times can be changed to by the key-operator. Shorter delay times within this range will lower the energy consumption even further, but may cause longer recovery times. In some cases longer delay times may prove to be more convenient, but it should be noted that this may cause an increase in energy consumption. Therefore, from an energy preservation point-of-view, longer delay times are not recommended.

Standby Power (Federal Energy Management Program) (All Countries)

This product meets the following criteria for the United States Federal Energy Management Program (FEMP):

- In standby mode, this product consumes less than 1 W/o W. After shutting down all systems properly, standby mode as defined by FEMP is reached by switching the main switch to "o".
- This product has a hard-off switch.
- This product meets the Energy Star® guidelines for energy efficiency.

Recycled paper (All countries)

The use of recycled paper benefits the environment. The Océ ColorWave 300 is designed to use recycled paper, which complies with the requirements of EN12281:2002. Product literature on recommended types of recycled copier paper can be obtained from your local Océ company or Océ Headquarters.

Chapter 3
General information

Caution labels and notations

Introduction

You can find the power-marking label near the mains entrance. If connection to a different mains voltage is required, contact Customer Service.

Caution:
Do not remove caution labels or caution notations. If a label or notation is soiled, please clean the label or notation. If you cannot make label or notation legible, or if the label or notation is damaged, please contact your service representative.

Note:
In order to limit energy consumption during times of non-use the Océ ColorWave 300 has a Sleep mode during which the power level is reduced. The value for the Sleep mode is listed in the Product Safety Data Sheet.

Space Requirements and Operating Precautions (Power Supply)

Please refer to the corresponding Safety Data Sheets for specific safety information. You can download the Safety Data Sheets from the support site relevant to your product at http://global.oce.com/support/

Operating environment

The environmental requirements for correct operation of the machine are as follows:

- Operating temperature (T): 15 °C (59 °F) to 30 °C (86 °F)
- Relative Humidity(RH): 20 % to 80 %

Chapter 4
Miscellaneous

Addresses of local Océ organisations

Océ-Australia Ltd. P.O. Box 363 Ferntree Gully MDC Vic 3165 **Australia** http://www.oce.com.au/	Océ-Österreich GmbH Postfach 95 1233 Vienna Wienerbergstrasse 11 Vienna Twin Tower 1100 Vienna **Austria** http://www.oce.at/
Océ-Belgium N.V./S.A. J. Bordetlaan 32 1140 Brussel **Belgium** http://www.oce.be/	Océ-Brasil Comércio e Indústria Ltda. Av. das Nações Unidas, 11.857 Brooklin Novo São Paulo-SP 04578-000 **Brasil** http://www.oce-brasil.com.br/
Océ-Canada Inc. 4711 Yonge Street, Suite 1100 Toronto, Ontario M2N 6K8 **Canada** http://www.oce.ca/	Océ Office Equipment (Shanghai) First Shanghai Center, Phase II, Building 4, Lane 180, Zhangheng Road Pudong District Shanghai 201204, P.R. **China** http://www.oce.com.cn/
Océ-Czech Republic ltd. Babická 2329/2 149 00 Praha 4 **Czech Republic** http://www.oce.cz/	Océ-Danmark a/s Vallensbækvej 45 2605 Brøndby **Denmark** http://www.oce.dk/
Océ Finland OY Niittyrinne 7 02270 Espoo **Finland** http://www.oce.fi/	Océ-France S.A. 32, Avenue du Pavé Neuf 93882 Noisy-le-grand, Cedex **France** http://www.oce.fr/

Océ-Deutschland GmbH Solinger Straße 5-7 45481 Mülheim/Ruhr **Germany** http://www.oce.de/	Océ-Hong Kong and China head office Room 3711-18 Tower 1 Millennium City 1 388 Kwun Tong Road Kwun Tong Kowloon **Hong Kong** http://www.oce.com.hk/
Océ-Hungaria Kft. H-1241 Budapest Pf.: 237 **Hungary** http://www.oce.hu/	Océ-Ireland Ltd. 3006 Lake Drive Citywest Business Campus Saggart Co. Dublin **Ireland** http://www.oce.ie/
Océ-Italia S.p.A. Strada Padana Superiore 2/B 20063 Cernusco sul Naviglio (MI) **Italia** http://www.oce.it/	Océ Japan Corporation 3-25-1, Nishi Shinbashi Minato-Ku Tokyo 105-0003 **Japan** http://www.ocejapan.co.jp/
Océ-Belgium S.A. Rue Astrid 2/A 1143 **Luxembourg**-Belair http://www.oce.lu/	Océ Malaysia Sdn. Bhd. #3.01, Level 3, Wisma Academy Lot 4A, Jalan 19/1 46300 Petalig Jaya Selangor Darul Ehsan **Malaysia** http://www.ocemal.com.my/
Océ-Mexico S.A. de C.V. Prolongación Reforma 1236, 4to Piso Col. Santa Fé, Del. Cuajimalpa C.P. 05348 México, D.F. **México** http://www.oceusa.com/	Océ-Norge A.S. Postboks 4434 Nydalen Gjerdrums vei 8 0403 Oslo **Norway** http://www.oce.no/

Océ-Poland Ltd. Sp.z o.o. ul. Bitwy Warszawskiej 1920 r. nr. 7 02-366 Warszawa **Poland** http://www.oce.com.pl/	Océ-Portugal Equipamentos Gráficos S.A. Av. José Gomes Ferreira, 11 Piso 2 - Miraflores 1497-139 Algés **Portugal** http://www.oce.pt/
Océ Singapore Pte Ltd. 21 Ubi Road 1 #05-01 Brilliant Building **Singapore**408724	
Océ España SA Business Park Mas Blau Osona, 2 08820 El Prat de Llobregat Barcelona **Spain** http://www.oce.es/	Océ-Svenska AB Sollentunavägen 84 191 27 Sollentuna **Sweden** http://www.oce.se/
Océ-Schweiz AG Sägereistrasse 10 CH8152 Glattbrugg **Schweiz** http://www.oce.ch/	Océ (Thailand) Ltd. B.B. Building 16/Floor 54 Asoke Road Sukhumvit 21 Bangkok 10110 **Thailand**
Océ-Nederland B.V. P.O.Box 800 5201 AV 's-Hertogenbosch **The Netherlands** http://www.oce.nl/	Océ (UK) Limited Océ House Chatham Way Brentwood, Essex CM14 4DZ **United Kingdom** http://www.oce.co.uk/
Océ North America Inc. 100 Oakview Drive Trumbull, CT 06611 **USA** http://www.oceusa.com/	

Note:
The web site http://www.oce.com gives the current addresses of the local Océ organizations and distributors.

Note:
The addresses of local Océ organizations for information about the Wide Format Printing Systems and the Production Printing Systems can be different from the addresses above. Refer to the web site http://www.oce.com for the addresses you need.

Beyond the Ordinary

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Printing for Professionals

Professionals everywhere look to Océ for digital printing and document management. In the office, Océ systems keep the information of business and government flowing. In manufacturing, architecture, engineering, and construction, Océ wide-format printers set the standard, while our display graphics systems help people produce banners, billboards, and other large, colorful applications. In corporate print facilities, marketing service bureaus, and the graphic arts industry, Océ systems print transaction documents, mailings, newspapers, manuals, and books—on demand and at the highest speeds. And Océ Business Services manages the complete document workflows of customers around the world. It all helps you go "Beyond the Ordinary" in printing and document management.

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www.oce.com

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